

I claim:

1. A method for the treatment of pain, said method comprising
5 administering to the intrinsic spinal muscles of a mammal an amount of an agent sufficient to paralyze said muscles.
2. A method according to claim 1, wherein said agent is botulinum toxin.
- 10 3. A method according to claim 2, wherein said toxin is botulinum toxin type A.
4. A method according to any one of claims 2 or 3, wherein said toxin is administered in an amount between 1 and 30 mouse units per injection site.
- 15 5. A method according to claim 4, wherein said toxin is administered in a single injection.
6. A method according to claim 4, wherein said toxin is administered via a
20 plurality of injections.
7. The method of any one of claims 1 to 6, further comprising the administration of a tissue growth factor to enhance healing.
- 25 8. The use of botulinum toxin as an agent for the injection of an intrinsic spinal muscle.
9. The use of a paralysing agent in combination with a growth factor to treat spinal compression.
- 30 10. A kit for the treatment of pain by injection of the intrinsic spinal muscles, said kit comprising:

Sub. a1

10062954-013102

- a) a paralyzing agent;
- b) an injection syringe with needle; and
- c) an acupuncture needle with injector system.

5 11. An intrinsic muscle injection kit comprising:

- a) botulinum toxin;
- b) saline for diluting said toxin;
- c) a syringe with needle for dispensing said saline into the toxin;
- d) a spinal botulinum injection needle;
- 10 e) an acupuncture needle with spinal acupuncture injector system; and
- f) at least one injection syringe.

12. A kit according to claim 11, wherein said botulinum toxin is provided in
15 a vial containing 25, 50, 75 or 100 units.

13. A kit according to claim 12, wherein said botulinum toxin comprises at least one of chains A to G or fragments thereof.

20 14. A kit according to claim 13, wherein said toxin is botulinum toxin A.

15. A kit according to claim 14, further comprising a local anesthetic selected from the group consisting of Naropin, Xylocaine and Marcaine.

25 16. A kit according to claim 10 or claim 11, further comprising a tissue growth factor.

17. A kit according to claim 16, wherein the injection needle is a 21/2"-50 - 60 mm spinal injection needle having a 20 -25 gauge.

30 18. A kit according to claim 17, wherein the acupuncture needle is a 21/2"-50 - 60 mm acupuncture .25mm to .50 mm gauge needle with injector system.

10062454.013102

19. A kit according to claim 11, wherein the at least one injection syringe is a 1 - 4 cc/ml syringe with markings delineating dose line separations.
20. A kit according to claim 11, further comprising an instructional video for
5 physicians demonstrating injection of intrinsic muscles in the cervical, thoracic or lumbar areas.

adda17